

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re New National Phase Patent Application of )  
Shinji MAEKAWA et al. )  
International Application No. PCT/JP2004/016782 )Attn: US/DO/EO  
International Filing Date: November 5, 2004 )  
For: LIQUID CRYSTAL DISPLAY DEVICE )  
AND MANUFACTURING METHOD THEREOF )Date: April 24, 2006

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
Customer Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. In accordance with the PTO notice dated July 11, 2003, waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting copies of each cited U.S. Patent, for all U.S. national patent applications filed after June 30, 2003, no copies of U.S. Patents are enclosed. However, copies of foreign patents and non-patent literature are submitted under 37 CFR 1.98(a)(2).

Japanese Patent Application No. 2001-250953 is in the same family as U.S. Patent Publication No. 2003/0138998.

Japanese Patent Application No. 2001-257350 is in the same family as U.S. Patent Publication No. 2002/0132396.

Japanese Patent Application No. 2001-201750 is in the same family as U.S. Patent Publication No. 2001/0026347.

Japanese Patent Application No. 05-283694 is in the same family as U.S. Patent Nos. 5,308,998, 5,485,019, 5,521,107, 5,650,338 and 6,013,928.

Japanese Patent Application No. 2003-318192 is in the same family as U.S. Patent Publication No. 2003/0219934.

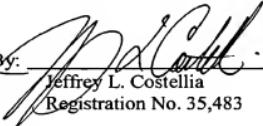
10/577058

W20Rec'd PCT/TO 24 APR 2006  
Docket No: 740756-2960

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

Sheet 1 of 1

Application Number: Not Yet Assigned  
Filing Date: April 24, 2006  
First Named Inventor: Shinji MAEKAWA et al.  
Art Unit:  
Examiner Name:  
Attorney Docket Number: 740756-2960

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**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)			
		US-2003/0138998 A1	07/24/2003	Yamazaki et al.	
		US-2002/0132396 A1	09/19/2002	Yamazaki et al.	
		US-2001/0026347 A1	10/04/2001	Sawasaki et al.	
		US-5,308,998	05/03/1994	Yamazaki et al.	
		US-5,485,019	01/16/1996	Yamazaki et al.	
		US-5,521,107	05/28/1996	Yamazaki et al.	
		US-5,650,338	07/22/1997	Yamazaki et al.	
		US-6,013,928	01/11/2000	Yamazaki et al.	
		US-2003/0219934 A1	11/27/2003	Furusawa	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> (if known)				
		JP 2001-250953	09/14/2001	Yamazaki et al.		Abstract
		JP 2001-257350	09/21/2001	Yamazaki et al.		Abstract
		JP 64-068729	03/14/1989	Wakai et al.		Abstract
		JP 2001-201750	07/27/2001	Sawasaki et al.		Abstract
		JP 05-283694	10/29/1993	Yamazaki et al.		Abstract
		JP 2003-318192	11/07/2003	Furusawa		Abstract
		JP 2003-318401	11/07/2003	Aoki et al.		Abstract
		JP 62-131578	06/13/1987	Monobukure		Abstract
		JP 01-248136	10/03/1989	Kashihara		Abstract

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		International Search Report of Application No. PCT/JP2004/016782; PCT7506) Dated December 21, 2004.	
		Written Opinion (Application No. PCT/JP2004/016782; PCT7506) Dated December 21, 2004.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.W./ (02/01/2008)